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7/24/02  
Our Reference No. 6580-273

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Shu Chen et al

Serial No. 09/980,706

International Filing Date: June 14, 2000

For: A Marker Specific for Escherichia Coli Serotypes 0157:H7  
0157:NM and 055:H7

The Commissioner of Patents  
& Trademarks  
Washington, D.C. 20231  
U.S.A.

Dear Sir:

90 Rec'd PCT/PTO 29 MAY 2002

Art Unit: unknown

Examiner: unknown

TECH CENTER 1600/2900

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**FILING OF AN INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 CFR 1.97 and 1.98, and in recognition of the duty of disclosure set forth in 37 CFR 1.56, Applicants hereby submit an Information Disclosure Statement on Form PTO-1449 containing a listing of patents and other publications of which Applicant is aware. Applicants are also submitting the references listed on the Information Disclosure Statement.

All of the patents and publications submitted herewith are in the English language. Accordingly a concise explanation of the relevance of the documents is not required.

The Examiner is requested to indicate consideration of these documents by initialling the appropriate column.

Applicants reserve the right to contest the applicability of any of these documents as prior art against the subject application. If the Examiner has any questions concerning this Information Disclosure Statement, he/she is requested to contact the undersigned.

Entry of the enclosed Information Disclosure Statement is believed to be in order and is respectfully requested.

This Information Disclosure Statement is being filed before the issuance of a first official action, and therefore no fees are required. However, please charge our deposit account No. 02-2095 if such a fee is required.

Respectfully submitted,

**Shu Chen et al.**



Scott Pundsack  
Registration No. 47,330  
Dated: May 28, 2002

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/980,706
				Filing Date	June 14, 2000
				First Named Inventor	Shu Chen
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	6580-273
Sheet	1	of	2		

[illegible][illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 2

**Complete if Known**

Application Number	09/980,706
Filing Date	June 14, 2000
First Named Inventor	Shu Chen
Group Art Unit	
Examiner Name	
Attorney Docket Number	6580-273

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1.	CHEN S et al "An automated fluorescent PCR method for detection of Shiga toxin-producing Escherichia coli in foods" Applied and Environmental Microbiology, vol. 64, no. 11, 1998, pp 4210-4216, XP000957811	
	2.	XU R et al "An automated fluorescent Amplisensor assay for detection of Escherichia coli 0157: H7 in ground beef" Abstracts of the General Meeting of the American Society for Microbiology, vol. 99, 1999, p.516 XP000953149	
	3.	MENG J et al "Polymerase chain reaction for detecting Escherichia coli 0157:H7" International Journal of Food Microbiology, vol. 32, 1996, pp 103-113, XP000957621	
	4.	OBERST RD et al "PCR-based amplification and presumptive detection of Echerichia coli 0157:H7 with an internal fluorogenic probe and the 5' nuclease (TaqMan) assay" Applied and Environmental Microbiology, v. 64, no. 9, 1998, pp 3389-3396, XP000957810	
	5.	FRATAMICO PM et al "Detection of Escherichia Coli 0157:H7 by Multiplex PCR" Journal of Clinical Microbiology, US, Washington, DE, vol. 33, no. 8, 1 August 1995, pp 2188-2191, XP000197544, ISSN: 0095-1137	
	6.	WILLSHAW GA et al "Hybridization of strains of Excherichia coli 0157 with probes derived from the eaeA gene of enteropathogenic E.coli and the eaeA homolog from a vero cytotoxin-producing Strain of E.coli 0157" Journal of Clinical Microbiology, vol.32, no.4, 1994, pp 897-902, XP000957647	
	7.	LOUIE M et al "Sequence heterogeneity of the eae gene and detection of verotoxin-producing Escherichia coli using serotype-specific primers" Epidemiology and Infection, vol. 112, 1994, pp 449-461, XP000957654	

Examiner  
SignatureDate  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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